

105 100

Travel Profile - Page 1

File Edit View Tools Help

Trip to Tampa Convention in LA

Travel Dates: November 8, 2000 to November 15, 2000

☒ Notify Parcel Services When Traveling

Parcel Service Delivery Options

☐ Hold Packages for Customer Pickup

☐ Deliver Packages on November 15, 2000

☒ Leave Packages with Neighbor Until: November 15, 2000

Neighbor: Mary Smith
12115 Rosewood Drive
Anywhere, Texas 77815

☒ Notify Company Mailroom When Traveling

Mailroom Delivery Options

☐ Hold Mail Indefinitely

☒ Hold Mail Until: November 15, 2000

☐ Forward Mail Until: November 15, 2000

To: John Doe
c/o Omni Hotel
555 Second Street
Minneapolis, MN 55345

Figure 1

Travel Profile - Page 2

File Edit View Tools Help

Trip to Tampa Convention in LA

Travel Dates: November 8, 2000 to November 15, 2000

☒ Configure Telephone While Traveling

Telephone Options

☒ Set Greeting When Away. Start Date: November 8, 2000
Greeting to Use: Sales Convention in Tampa

☒ Set Greeting Upon Return. Start Date: November 15, 2000
Greeting to Use: Standard In Office Message

☒ Forward Calls To: (612) 555-1111 Call Types: Internal
From: November 8, 2000 to: November 15, 2000

☒ Backup Contact: Frank Jones (512) 555-1235

☒ Emergency Contact: Cindy Doe (512) 567-9876

☒ Destination Contact: John Smith (612) 555-1234

☒ Update Calendar with Trip Information

☒ Download Area Emergency / HMO Information

☒ Inform Contacts Regarding Travel

☒ Transfer Money to Electronic Wallet \$250.00

☒ Download Driving Information / GPS Data

☒ Download Civic / Cultural Events / Attractions

☒ Download Restaurant List

☒ Stop newspaper delivery while away

☒ Home Automation

Away: November 8, 2000 Home: November 15, 2000

Health Profile

Contact List

Select Accounts

Configure

Figure 2

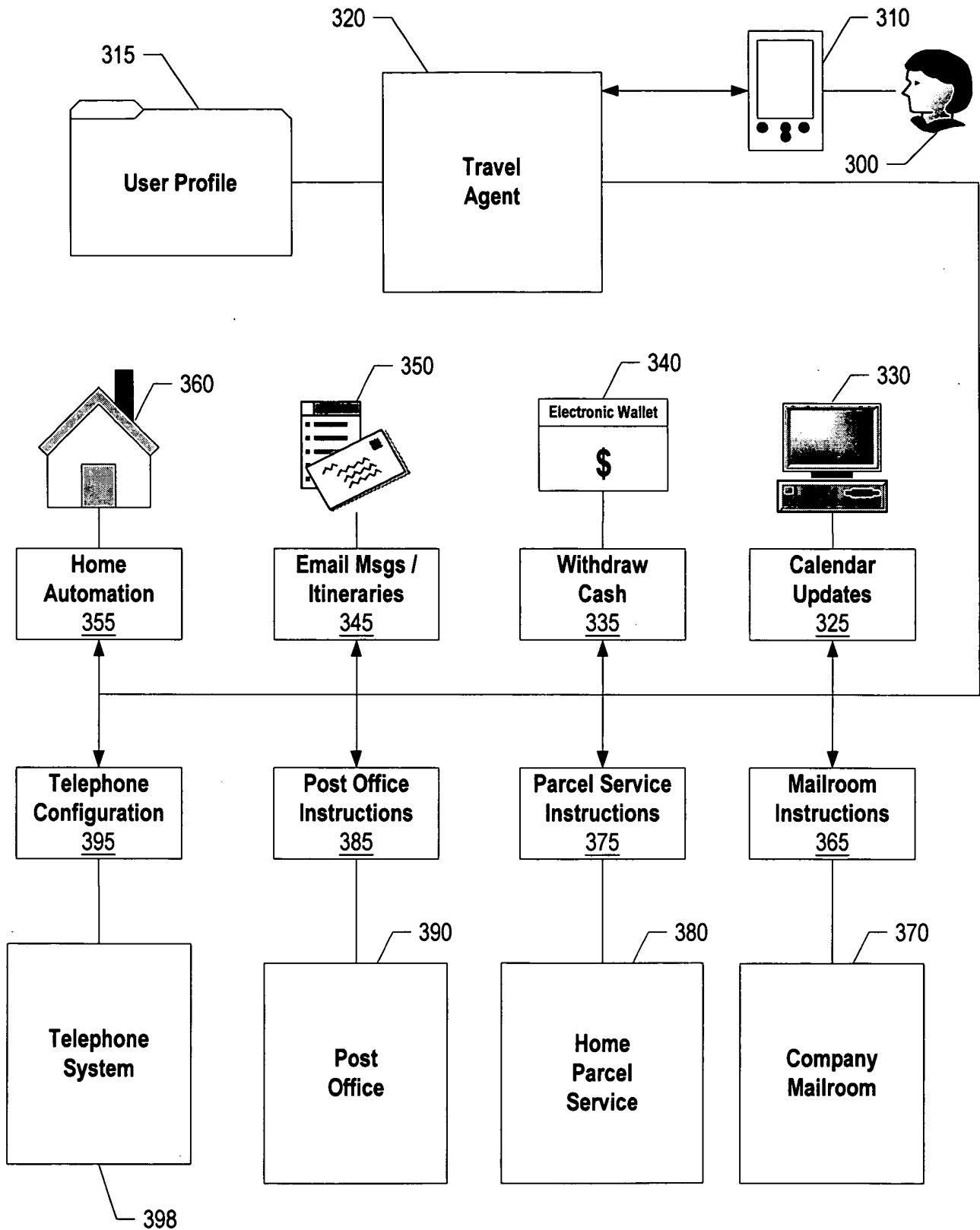


Figure 3

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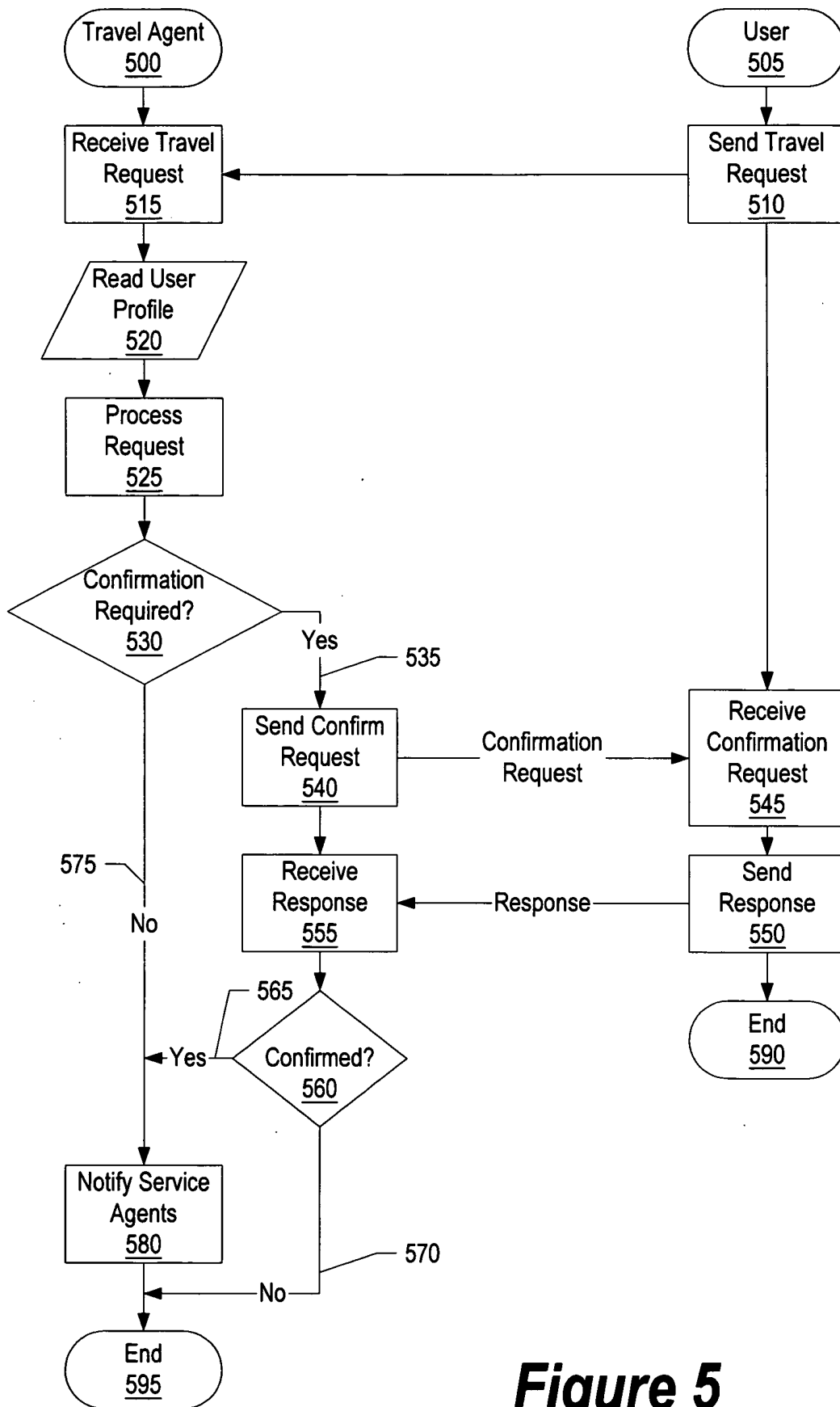


Figure 5

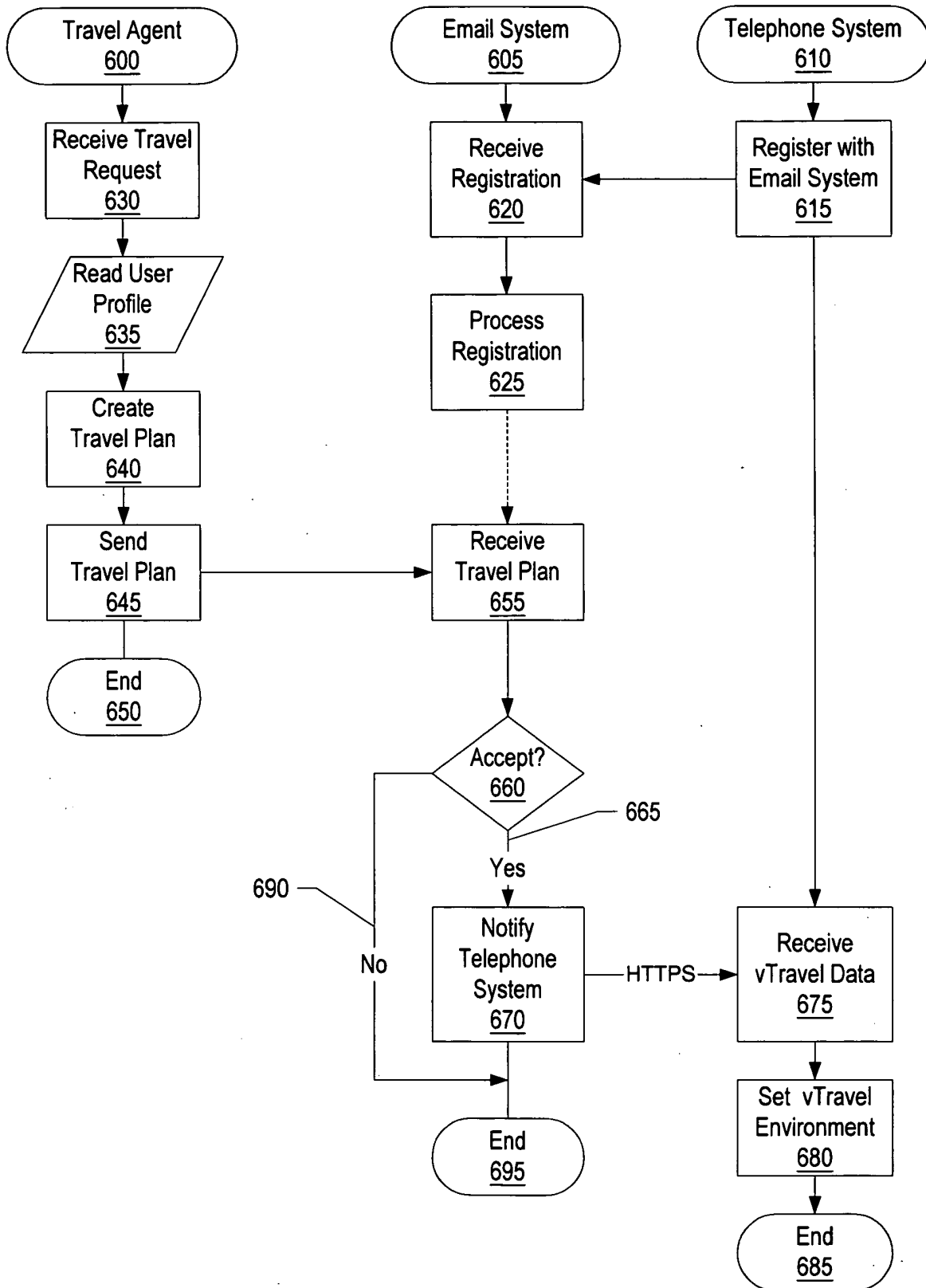


Figure 6

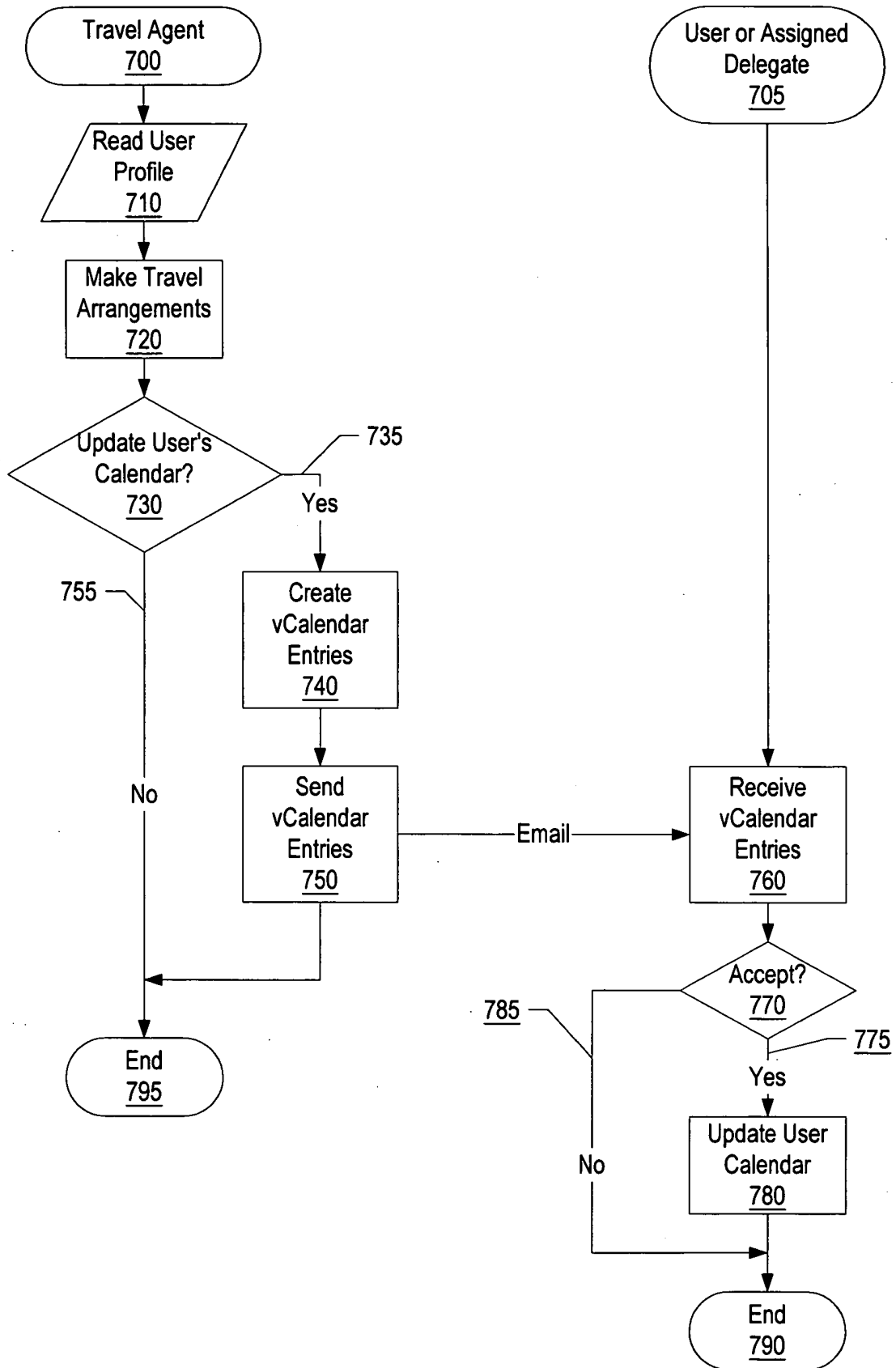


Figure 7

```

graph TD
    TA800([Travel Agent  
800]) --> R810[/Read User  
Profile  
810/]
    R810 --> M820[Make Travel  
Arrangements  
820]
    M820 --> D830{Medical  
Preferences?  
830}
    D830 -- Yes 835 --> S840[Search Database for  
Matching Medical Services  
840]
    S840 --> P850[Prepare vTravel Package  
850]
    P850 --> S860[Send vTravel Package  
860]
    S860 --> D870[Fax, Email  
Download  
870]
    D870 --> R880[Receive vTravel  
Package  
880]
    R880 --> E890([End  
890])
    D830 -- No 865 --> E895([End  
895])

```

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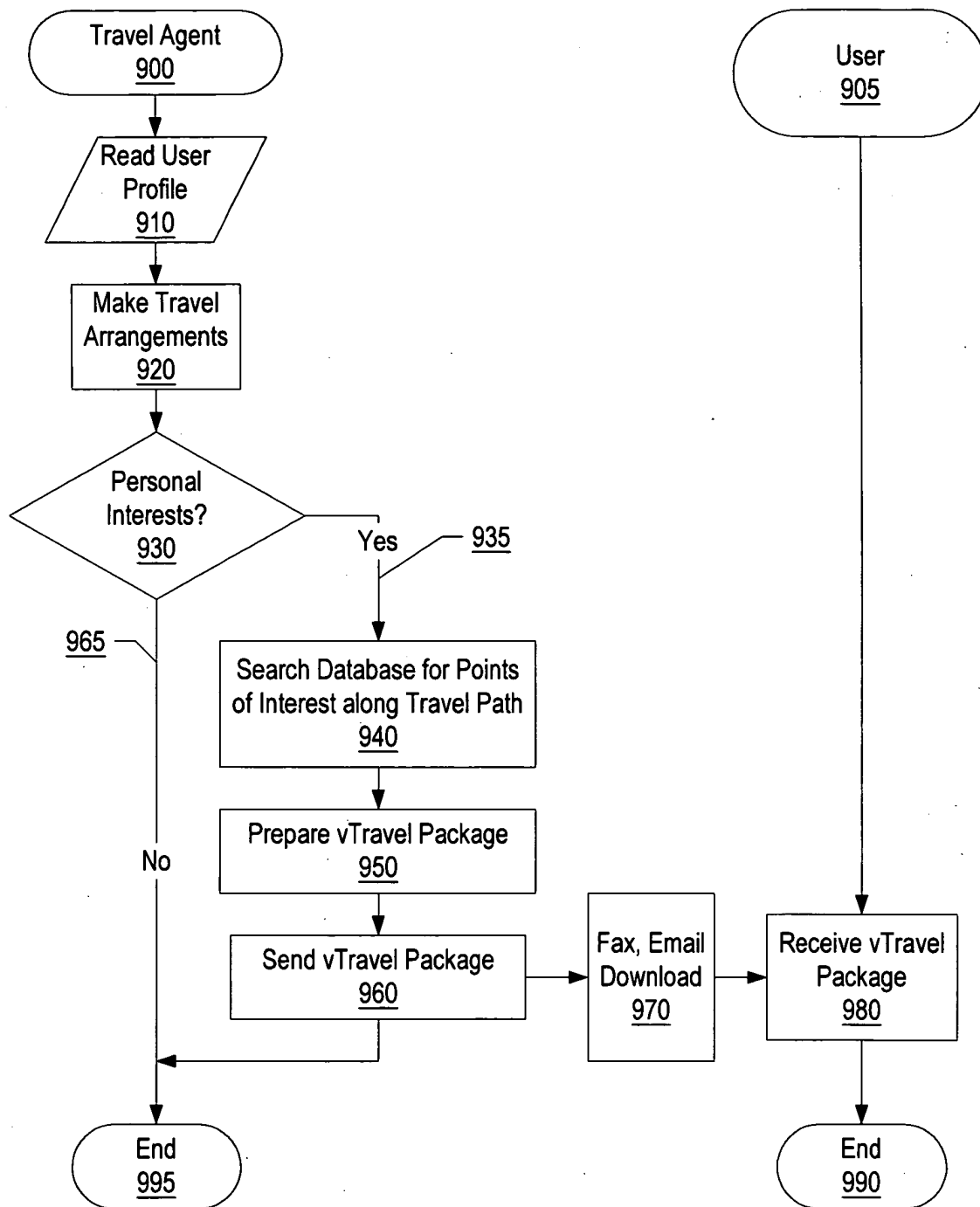


Figure 9

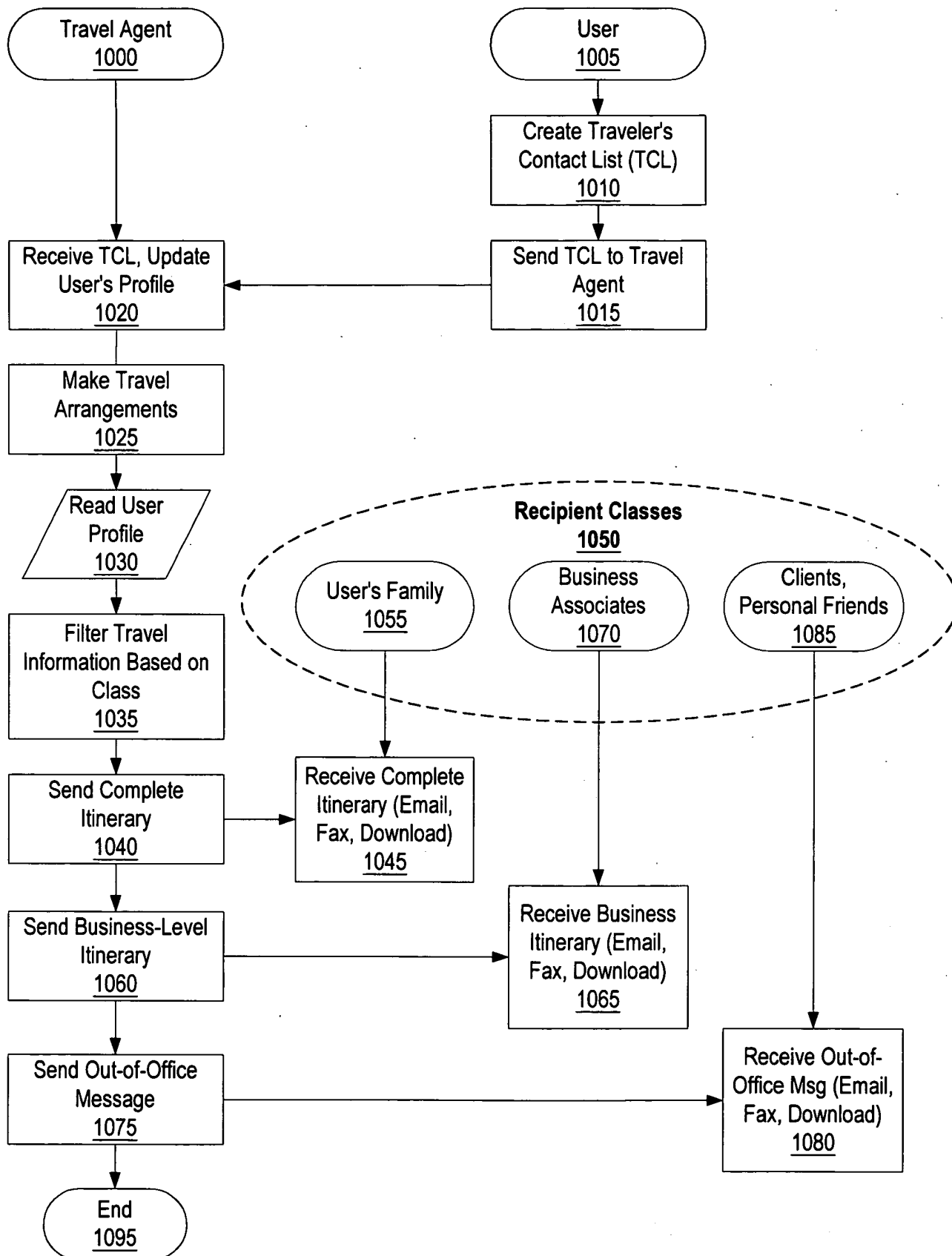


Figure 10

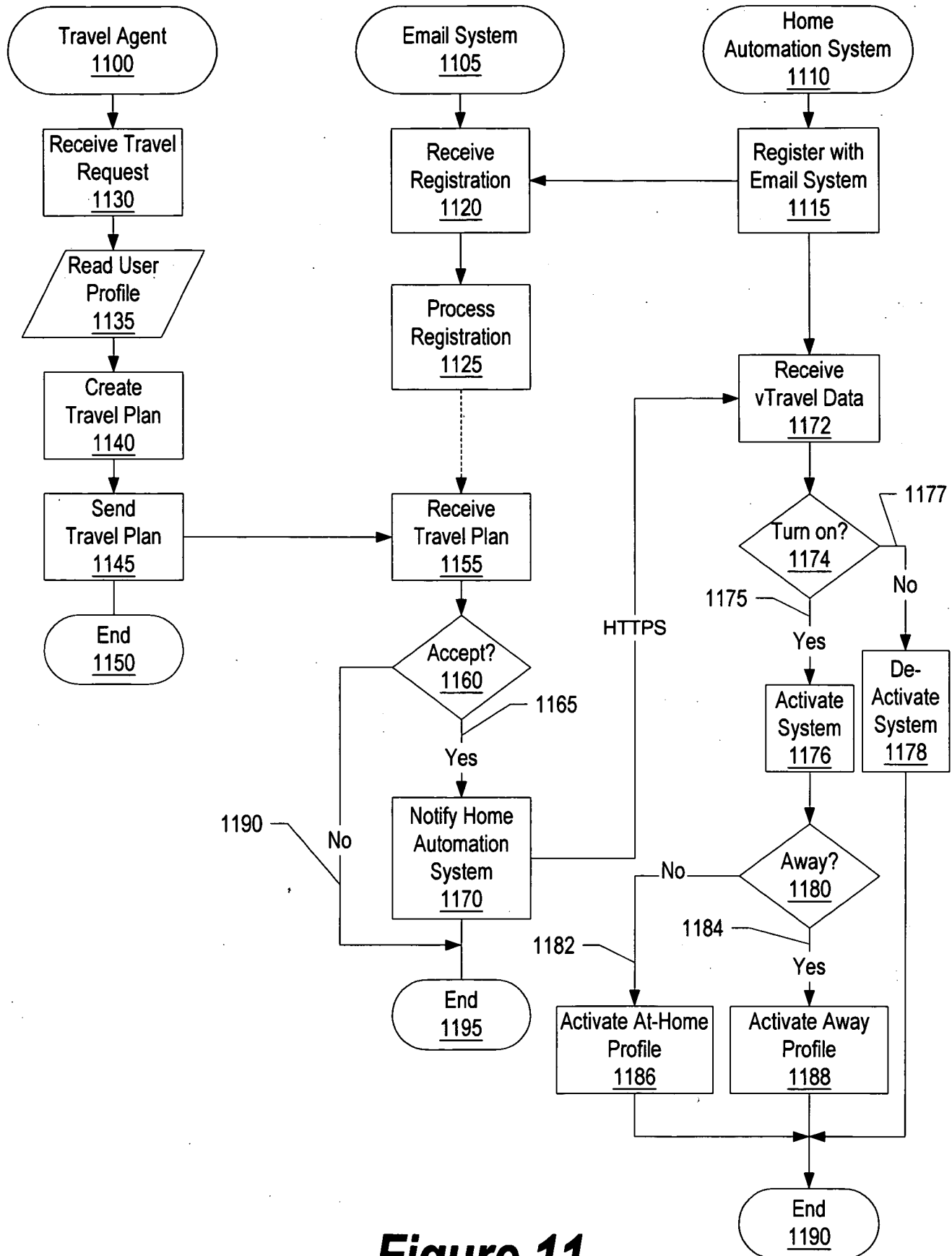


Figure 11

```

graph TD
    1200([Travel Agent  
1200]) --> 1205[Receive Travel Request  
1205]
    1205 --> 1210[/Read User Profile  
1210/]
    1210 --> 1215[Create vActions  
1215]
    1215 --> 1220[Calendar vAction  
1220]
    1215 --> 1222[Home Packages vAction  
1222]
    1215 --> 1224[Business Packages vAction  
1224]
    1215 --> 1226[Home Automation vAction  
1226]
    1215 --> 1228[Phone vAction  
1228]
    1215 --> 1230[Itinerary Notification vAction  
1230]
    1215 --> 1232[Funds Transfer vAction  
1232]
    1215 --> 1234[Health Provider vAction  
1234]
    1215 --> 1236[Restaurant vAction  
1236]
    1215 --> 1238[Points_of Interests vAction  
1238]
    1215 --> 1240[Driving Directions / GPS vAction  
1240]
    1220 --> 1245[Create vTravel Package  
1245]
    1222 --> 1245
    1224 --> 1245
    1226 --> 1245
    1228 --> 1245
    1230 --> 1245
    1232 --> 1245
    1234 --> 1245
    1236 --> 1245
    1238 --> 1245
    1240 --> 1245
    1245 --> 1250[Send vTravel Package to User  
1250]
    1250 --> 1255([End  
1255])
    1250 --> 1270[Receive vTravel Package  
1270]
    1270 --> 1280[Accept / Reject vActions  
1280]
    1280 --> 1290[Execute Accepted vActions  
1290]
    1290 --> 1295([End  
1295])

```

Figure 12

Figure 12

Calendar Profile - Travel Options

File Edit View Tools Help

Business

Personal

Preference

Airline Preferences

Rank

Rank

Airline

Freq. Flier No.

1

1

American

XYZ1234

Southwest

SWA123

United

U32459

Delta

<none>

Northwest

<none>

Add

Edit

Delete

Move Up

Move Down

Class: Business

Price

Total Flight Time

Number of Stops

Seat: Aisle

Hotel Preferences

Rank

Rank

Hotel

Freq. Flier No.

3

Hilton

HTN1234

Mariott

Holiday Inn

Add

Edit

Delete

Move Up

Move Down

Room Rate - Less than \$100 per night.

☒ Non-Smoking Room

Star Rating 4-Star

Proximity to Destination. Within 2 miles.

High Speed Internet Service

Restaurant in Hotel

Exercise Facility

Free Facsimile

Free Local Phone Calls

Free Breakfast / Meals / Snacks

Transportation to/from Airport

Ground Transportation Preferences

Rank

Rank

Service

2

Rental Car

Hertz

HZ987654

Avis

AV859302

Add

Edit

Delete

Move Up

Move Down

Taxi

Airport Shuttle

Figure 13

1400

Calendar Profile - Travel Options
File Edit View Tools Help

Business **Personal**

Airline Ranking Inquiry

In order to save \$25 on plane tickets I am willing to spend an additional 1 hours traveling

I am willing to spend an additional \$20 per flight (round trip) to use my favorite airline

Hotel Ranking Inquiry

In order to save \$25 per night on a hotel room I am willing to stay no more than 2 miles from my destination.

I am willing to spend an additional \$5 per night to stay at one of my preferred hotels.

Ground Transportation Ranking Inquiry

I prefer being a passenger (shuttle / taxi) when in a different city **Agree**

I am willing to spend an additional \$10 per day to have my own car.

When renting a car, I am willing to spend an additional \$5 per day to use my preferred rental car company.

Figure 14

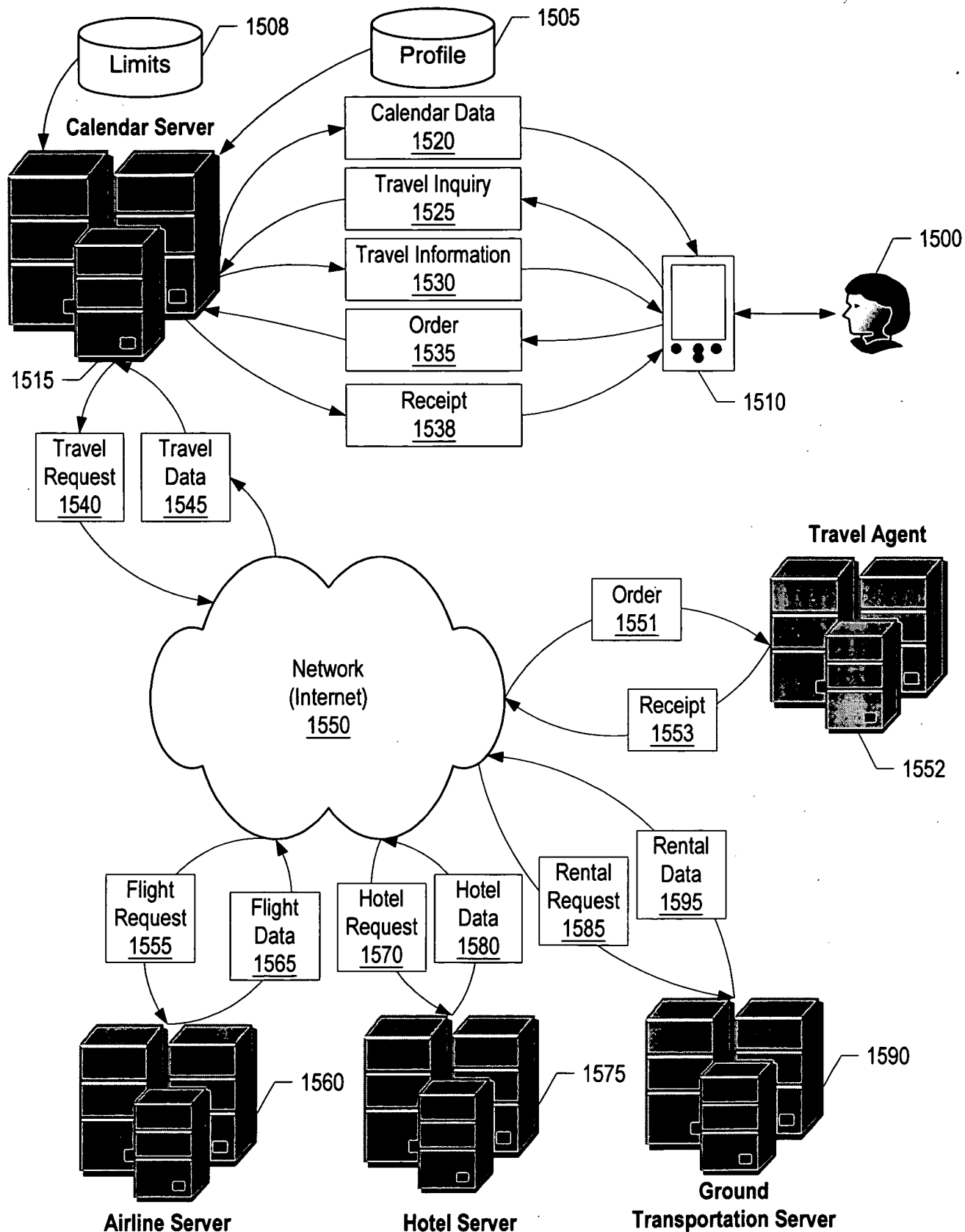


Figure 15

```
graph TD; 1600([Start]) --> 1610[Input Trip Information  
(See Figure 17)]; 1610 --> 1620[System Searches for  
Possible Travel Options  
(See Figure 18)]; 1620 --> 1630[User Selects Preferred Options  
(See Figure 19)]; 1630 --> 1640[System Optimizes Selected Options  
(See Figures 19 and 20)]; 1640 --> 1650[Optimized Options Confirmed,  
Options Booked  
(See Figure 19)]; 1650 -- Loop --> 1640; 1650 --> 1690([End]);
```

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```

graph TD
    Start([Start  
1700]) --> 1710[/Trip Dates &  
Destination  
1710/]
    1710 --> 1720[/Type of Trip  
1720/]
    1720 --> 1730[/Travel Profile  
1730/]
    1730 --> 1740{Business?  
1740}
    1740 -- Yes 1745 --> 1750[/Business Travel  
Rules & Limits  
1750/]
    1750 --> 1760{Sight Seeing?  
1760}
    1760 -- Yes 1765 --> 1770[/Interests  
1770/]
    1760 -- No 1775 --> 1785[/Interests  
1785/]
    1740 -- No 1780 --> 1785
    1770 --> 1790[/Send Request for  
vTravel Packages  
1790/]
    1785 --> 1790
    1790 --> Return([Return  
1795])
  
```

IBM-0031

```
graph TD
    1800([System 1800]) --> 1810[/Receive Request for Travel Packages 1810/]
    1810 --> 1820[/Get Travel Server Addresses 1820/]
    1820 --> 1830[(Travel Server List 1830)]
    1830 --> 1820
    1820 --> 1840[/Request Travel Data from Servers 1840/]
    1840 --> 1850[1850]
    1850 --> 1860[/Receive Travel Data from Servers 1860/]
    1860 --> 1870[Filter Possible vTravel Packages 1870]
    1870 --> 1880[Optimize Packages (see Figure 20) 1880]
    1880 --> 1890([Return 1890])
```

Figure 18

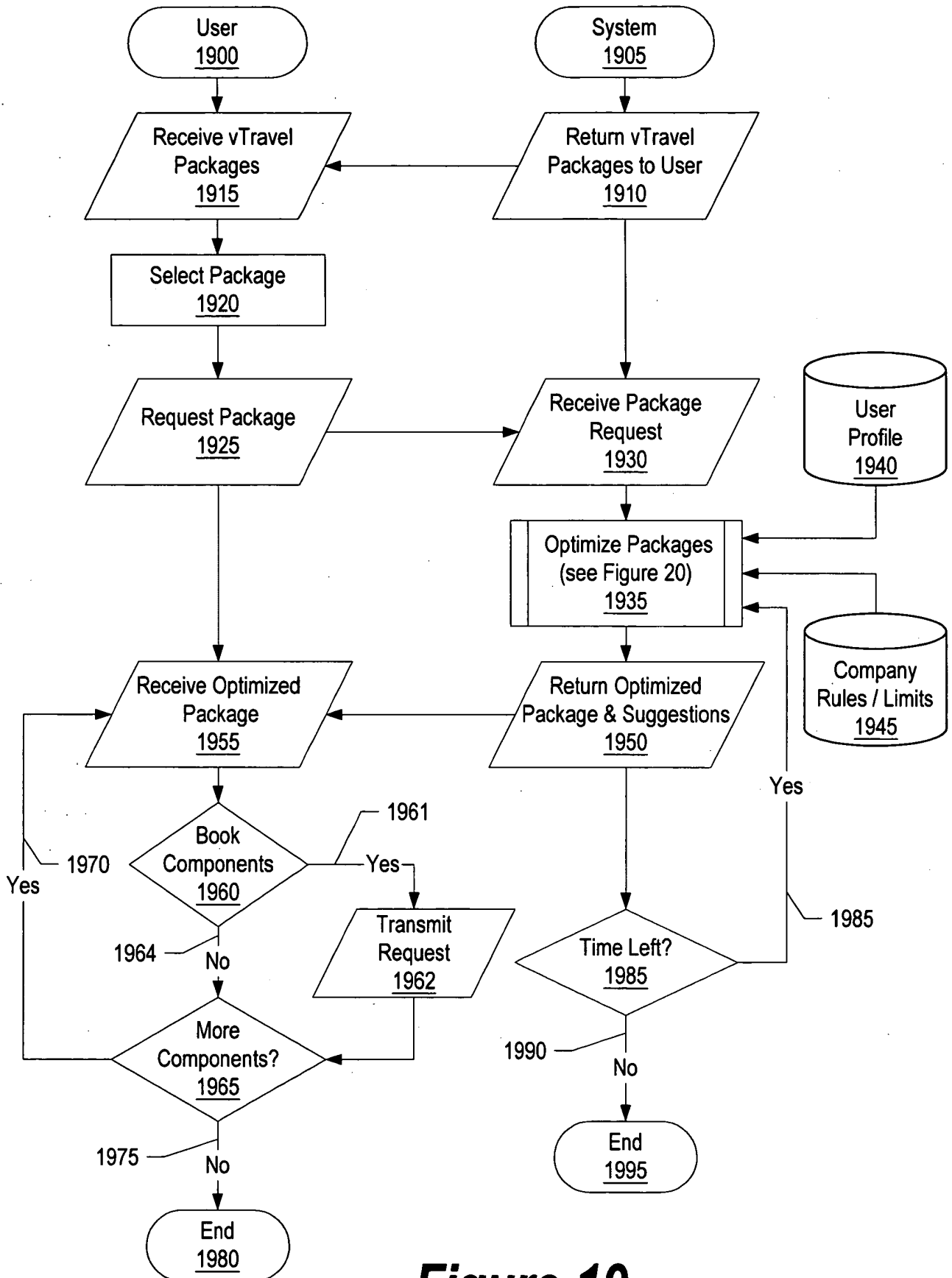


Figure 19

```

graph TD
    Start([Optimize Packages  
2000]) --> ProcessAir[Process Air Travel  
2005]
    ProcessAir --> WeightFlight[Weight Flight Components  
by Corresponding Preference Ranks  
2010]
    WeightFlight --> ComputeFlight[Compute Score for this Flight  
2015]
    ComputeFlight --> MoreFlights{More flights?  
2020}
    MoreFlights -- Yes (2022) --> WeightFlight
    MoreFlights -- No (2023) --> ProcessHotel[Process Hotel  
2025]
    ProcessHotel --> WeightHotel[Weight Hotel Components  
by Corresponding Preference Ranks  
2030]
    WeightHotel --> ComputeHotel[Compute Score for this Hotel  
2035]
    ComputeHotel --> MoreHotels{More hotels?  
2040}
    MoreHotels -- Yes (2042) --> WeightHotel
    MoreHotels -- No (2043) --> ProcessGround[Process Ground  
Transportation  
2045]
    ProcessGround --> WeightGround[Weight Ground Transport Components  
by Corresponding Preference Ranks  
2050]
    WeightGround --> ComputeGround[Compute Score for this Ground Option  
2055]
    ComputeGround --> MoreOptions{More options?  
2060}
    MoreOptions -- Yes (2062) --> WeightGround
    MoreOptions -- No (2063) --> WeightOverall[Weight Air, Hotel and Ground  
Transport by Preference Rankings  
2065]
    WeightOverall --> ComputeOverall[Compute Overall Package Score  
2070]
    ComputeOverall --> ApplyDiscounts[Apply Any Package Discounts,  
Adjust Package Score  
2075]
    ApplyDiscounts --> MorePackages{More packages?  
2080}
    MorePackages -- No (2090) --> SortReturn([Sort Packages  
& Return  
2095])
    MorePackages -- Yes --> ProcessAir
  
```

Figure 20

AUS9-2000-0488-US1 (20/21)

AUS9-2000-0488-US1 (21/21)